

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2470	345/89.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 14:46
L3	1	345/89.ccls. and transmittance and wavelength dispersion and color	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 14:47
S1	1	"20080129929"	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:38
S2	238	349/89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:48
S3	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:49
S4	69	S2 and transparent substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:49
S5	5	S2 and transparent substrate and optical anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:50
S9	4	S2 and transparent substrate and gradation and (var\$5 or adjust or chang\$3) near5 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:52
S10	101	((KOI CHI) near2 (MIYACHI)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:53
S11	10	((TAKAKO) near2 (KOI DE)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 13:53
S12	5118	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:14
S13	21	345/55,84,87.ccls. and transparent substrate and anisotropy and gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:15
S14	20	345/55,84,87.ccls. and transparent substrate and anisotropy and gradation and color	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:16
S15	54	(S2 or S3) and color and voltages same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:36
S16	10	(S2 or S3) and rgb and voltages same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:37
S17	130	(S12 or S3) and rgb and voltages same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 14:58
S18	67	(S12 or S3) and rgb and (differ\$5 or var\$6 or chang\$4) near7 voltage same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/26 15:01

S19	12	(S12 or S3) and (rgb near5 gradation) and voltage level	US-PGPUB; USPAT	ADJ	ON	2009/03/26 15:09
S20	0	"6700560".pn. and transparent	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:14
S21	1	"6700560".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:14
S22	0	"6700560".pn. and substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:16
S23	17	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:17
S24	4	S23 and transparent substrate	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:18
S25	0	"6700560".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:29
S26	1	"6700560".pn. and voltage same gradation	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:39
S27	0	"6700560".pn. and (lut or memory) same gradation same voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:56
S28	4	S23 and (lut or memory) same gradation same voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 08:58
S30	0	S23 and isotropy and anistropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:27
S31	0	S23 and anistropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:28
S32	0	S23 and isotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:28
S33	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:31
S34	5116	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:31
S35	25	(S33 or S34) and anisotropy and isotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/27 09:31
S36	19	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 06:49
S38	2	S36 and isotropy and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 06:51
S39	238	349/89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 07:48
S40	5	S39 and isotropy and anisotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 07:48
S41	1	"6700560".pn. and element	US-PGPUB;	ADJ	ON	2009/03/30

			USPAT			08:23
S42	0	"6700560".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:30
S43	0	"6700560".pn. and isotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:30
S44	0	"6700560".pn. and applied near5 voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:31
S45	0	S36 and optical wavelength	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:36
S46	5	S36 and wavelength	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:37
S47	5	S36 and wavelength and molecule	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:37
S48	0	S36 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S49	1	S39 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S50	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S51	1	S50 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:48
S52	5116	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:49
S53	2	S52 and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:49
S54	3	(S52 or S50) and cubic symmetry	US-PGPUB; USPAT	ADJ	ON	2009/03/30 08:52
S55	74	(S52 or S50) and cubic	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:02
S56	15	(S52 or S50) and (cubic phase or D phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:13
S57	2	(S52 or S50) and (cubic phase or smectic D phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:16
S58	2	(S52 or S50) and (cubic phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:17
S59	2	(S52 or S50) and (smectic D)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:18
S60	1888	(smectic D phase) or (cubic phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:19
S61	58	lod and ((smectic D phase) or (cubic phase))	US-PGPUB; USPAT	ADJ	ON	2009/03/30 09:19
S62	47	lod and ((smectic D phase) or (cubic phase)) and medium	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:05
S63	2	S60 and (S50 or S52)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:12
S64	2	(S50 or S52) and liquid crystal microemulsion	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:17
S65	4	(S50 or S52) and lyotropic and (micelle or sponge or cubic)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:18
S66	1	"6570632".pn. and (smectic or microemulsion or cubic or sponge)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:38
S67	1	"6570632".pn. and (smectic or microemulsion or cubic or sponge or micelle)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:41

S68	1	"6570632".pn. and lyotropic and (smectic or microemulsion or cubic or sponge or micelle)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 10:41
S69	148	(S52 or S50) and (cubic phase or smectic phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:03
S70	41	(S52 or S50) and (cubic phase or smectic phase) and lod	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:04
S71	0	(S52 or S50) and (cubic phase or smectic D phase) and lod	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:30
S72	0	(S52 or S50) and (cubic phase) and lod	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:32
S73	1	(S52 or S50) and (cubic near5 phase) and lod	US-PGPUB; USPAT	ADJ	ON	2009/03/30 11:32
S74	42	liquid crystal microemulsion	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:09
S75	1	"6266109".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:37
S76	2	"6266109".pn. or "6636289".pn.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:48
S78	0	("6266109".pn. or "6636289".pn.) and liquid crustal microemulsion	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:49
S81	0	("6266109".pn. or "6636289".pn.) and liquid crystal micro	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:51
S82	1	("6266109".pn. or "6636289".pn.) and micro	US-PGPUB; USPAT	ADJ	ON	2009/03/30 12:51
S83	0	("6266109".pn. or "6636289".pn.) and (micelle or sponge or cubic or fine)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:29
S84	1	("6266109".pn. or "6636289".pn.) and (phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:29
S85	1	"6570632".pn. and phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:38
S86	0	"6570632".pn. and cubic	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:53
S87	1	"6570632".pn. and micelle	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:54
S88	28	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:57
S89	2	S88 and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/03/30 13:58
S90	2	S88 and (dendrimer or discotic)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 14:00
S91	5	(S52 or S50) and (dendrimer)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 14:06

S92	1	"20080129929" and smectic D	US-PGPUB; USPAT	ADJ	ON	2009/03/30 14:58
S93	0	("6266109".pn. or "6636289".pn.) and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:22
S94	0	S36 and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:23
S95	1	S88 and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:23
S96	2	(S50 or S52) and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:24
S97	1	S88 and blue phase	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:25
S98	8	S88 and cholesteric	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:25
S99	1	"6570632".pn. and (micelle or cubic or fine)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:44
S100	8	S88 and (fine)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:48
S101	1	"4636786".pn. and (fine or micro or phase)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 15:56
S102	1	"4636786".pn. and (micelle or cubic)	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:09
S104	0	"6700560".pn. and isotropy and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:22
S105	0	"6700560".pn. and isotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:22
S106	0	"6700560".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:22
S108	3	S88 and isotropy and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:23
S109	3	S88 and isotropy and anisotropy and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:23
S110	4	S88 and isotropic and anisotropic and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/30 16:32
S111	1	"6266109".pn. and isotrop\$4 and anisotrop\$4	US-PGPUB; USPAT	ADJ	ON	2009/03/31 07:29
S112	1	"6266109".pn. and isotrop\$4 and anisotrop\$4 and voltage	US-PGPUB; USPAT	ADJ	ON	2009/03/31 07:30
S113	1207	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:16
S114	5124	345/55,84,87.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:16
S115	27	(S113 or S114) and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero))	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:17
S116	3	"20030184692" or "20030160750"	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:05
S117	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and isotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero))	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:06
S118	3	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero))	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:06

S119	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and (isotropy near7 voltage)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:07
S120	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and (isotrop\$4 near7 voltage)	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:07
S121	0	("20030184692" or "20030160750") and anisotrop\$4 near7 (voltage near5 (no or off or absenc\$4 or zero)) and isotrop\$4	US-PGPUB; USPAT	ADJ	ON	2009/03/31 10:08
S122	1	"4967268".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/01 09:56
S123	1	"20080129929" and optical anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/09/21 07:59
S124	5192	(LCD or liquid crystal display) and optical anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/09/21 08:30
S125	332	(LCD or liquid crystal display) and (optical anisotropy).clm.	US-PGPUB; USPAT	ADJ	ON	2009/09/21 08:31
S126	2	(LCD or liquid crystal display) and (magnitude same voltage) same (optical anisotropy).clm.	US-PGPUB; USPAT	ADJ	ON	2009/09/21 08:32
S127	1	"6266109".pn.	US-PGPUB; USPAT	ADJ	ON	2009/09/21 09:07
S128	1	"6266109".pn. and optical anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/09/21 09:23
S129	1	"6266109".pn. and transparent	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:14
S130	1	"6266109".pn. and (rgb or color)	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:20
S131	1	"6266109".pn. and gray\$7	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:23
S134	1	"6879174".pn. and (lut or memory)	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:43
S135	1	"20080129929" and lookup	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:49
S136	31	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$ or US-20030184692-\$ or US-20030160750-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$ or US-4967268-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:50
S137	2	S136 and (lut or lookup or look-up\$7)	US-PGPUB; USPAT	ADJ	ON	2009/09/21 10:51
S138	1	S136 and (lut or lookup or look-up\$7) and gray\$6	US-PGPUB; USPAT	ADJ	ON	2009/09/21 11:04

S139	1	"20010024178" and (lut or lookup or look-up\$7) and gray\$6	US-PGPUB; USPAT	ADJ	ON	2009/09/21 13:19
S140	1	"20010024178" and (luminance or intensity) and gray\$6	US-PGPUB; USPAT	ADJ	ON	2009/09/21 13:24
S141	1	"6266109".pn. and (rgb or red or green or blue)	US-PGPUB; USPAT	ADJ	ON	2009/09/21 13:32
S142	0	"6266109".pn. and optical isotropy	US-PGPUB; USPAT	ADJ	ON	2009/09/21 13:40
S143	1	"6266109".pn. and optically isotropic	US-PGPUB; USPAT	ADJ	ON	2009/09/21 13:41
S144	1	"6266109".pn. and optical\$4 anisotrop\$5	US-PGPUB; USPAT	ADJ	ON	2009/09/21 13:57
S145	31	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$ or US-20030184692-\$ or US-20030160750-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$ or US-4967268-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/21 14:01
S146	4	S145 and optical\$4 anisotrop\$5	US-PGPUB; USPAT	ADJ	ON	2009/09/21 14:01
S147	0	"4967268".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2009/09/21 14:24
S148	1	"4967268".pn. and anisotrop\$5	US-PGPUB; USPAT	ADJ	ON	2009/09/21 14:24
S149	1	"6570632".pn. and ordered phases	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:00
S150	2	S145 and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:22
S151	0	S145 and smetic blue phase	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:24
S152	1	S145 and smectic blue phase	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:25
S153	1	S145 and blue phase	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:29
S154	9	S145 and smectic	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:29
S155	25	S145 and blue	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:29
S156	28	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:53

		5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$).did.				
S157	1	S156 and lower driving voltage	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:53
S158	1	"20080129929" and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:55
S159	1241	349/84-89.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:57
S160	3	S159 and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/09/21 15:57
S161	1	"6636289".pn.	US-PGPUB; USPAT	ADJ	ON	2009/09/22 08:32
S162	0	"6636289".pn. and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/09/22 08:32
S163	28	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/22 09:00
S164	1	S163 and cholesteric blue phase	US-PGPUB; USPAT	ADJ	ON	2009/09/22 09:00
S165	1	"6636289".pn. and (anisotropy or isotropy)	US-PGPUB; USPAT	ADJ	ON	2009/09/22 10:08
S166	1	"7307682".pn.	US-PGPUB; USPAT	ADJ	ON	2009/09/22 10:26
S167	1	"6636289".pn. and (anisotropy or isotropy) and (voltage or field)	US-PGPUB; USPAT	ADJ	ON	2009/09/22 11:05
S168	1	"20080129929" and dendrimer	US-PGPUB; USPAT	ADJ	ON	2009/10/08 08:40
S169	31	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$ or US-20030184692-\$ or US-20030160750-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:09



		4967268-\$).did.					
S170	2	S169 and (gray\$7 or grey\$7) same (identical or "same")	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:10	
S171	8243	("345"/\$.ccls. or "349"/\$.ccls.) and (gray\$7 or grey\$7) same (identical or "same")	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:13	
S172	58	("345"/\$.ccls. or "349"/\$.ccls.) and identical gradation	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:13	
S173	19	("345"/\$.ccls. or "349"/\$.ccls.) and ((identical gradation) same voltage)	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:14	
S174	9	("345"/\$.ccls. or "349"/\$.ccls.) and (identical gradation).dm.	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:39	
S175	1	"6738054".pn. and identical gradation	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:43	
S176	1	"6738054".pn. and gradation	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:44	
S177	1	"6266109".pn. and voltage	US-PGPUB; USPAT	ADJ	ON	2010/05/01 10:57	
S178	1	"6266109".pn.	US-PGPUB; USPAT	ADJ	ON	2010/08/04 06:48	
S179	1	"6266109".pn. and anisotropy	US-PGPUB; USPAT	ADJ	ON	2010/11/10 08:56	
S180	5	349/84-89.ccls. and (gradation same (differ\$5 near5 voltage) same color)	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:05	
S181	4	349/84-89.ccls. and ((gradation near5 ("same")) same color)	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:13	
S182	94	"345"/\$.ccls. and (gradation same (differ\$5 near5 voltage) same color)	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:50	
S183	171	"345"/\$.ccls. and ((gradation near5 ("same")) same color)	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:51	
S184	11	S182 and S183	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:51	
S185	92	"345"/\$.ccls. and (gradation same (differ\$5 near5 voltage) same color) and ("same" or identical)	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:54	
S186	51	"345"/\$.ccls. and (gradation same (differ\$5 near5 voltage) same color) and (("same" or identical) same gradation)	US-PGPUB; USPAT	ADJ	ON	2010/11/15 12:54	
S187	1	"7091937".pn. and ((grey\$7 or gray\$9 or gradation) same ("same" or identical))	US-PGPUB; USPAT	ADJ	ON	2010/11/15 13:35	
S190	1	"7091937".pn. and display	US-PGPUB; USPAT	ADJ	ON	2010/11/15 14:23	
S191	1	"20080129929" and wavelength dispersion	US-PGPUB; USPAT	ADJ	ON	2011/03/03 12:28	
S192	39	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$ or US-20030184692-\$ or US-20030160750-\$ or US-20050219162-\$ or US-20050206590-\$ or US-20040104870-\$ or US-20020033786-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/01 14:41	

		5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$ or US-4967268-\$ or US-6738054-\$ or US-5321535-\$ or US-5317437-\$ or US-7091937-\$).did.				
S193	24	S192 and (transmittance or wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/01 14:42
S194	11	S192 and (transmittance and wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/01 14:43
S195	23	S193 and (voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/01 14:44
S196	24	S193 and (second voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/01 14:44
S197	18	S192 and (wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/01 14:48
S198	2	S192 and (wavelength dispersion) same correct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/01 14:48
S199	0	S192 and (wavelength dispersion) same correct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/09/01 14:53
S200	7	S192 and (wavelength dispersion)	US-PGPUB; USPAT; USOCR;	AND	ON	2011/09/01 14:53

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S201	1	S192 and (wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 14:59
S202	1429	349/84-89.cols.	US-PGPUB; USPAT	ADJ	ON	2011/09/01 15:04
S203	3	S202 and (wavelength dispersion) same (r and g and b)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:04
S204	0	S192 and (wavelength dispersion) same (lookup table or lut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:07
S205	0	S192 and (wavelength dispersion) and (lookup table or lut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:07
S206	0	S202 and (wavelength dispersion) same (lookup table or lut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:08
S207	23	S202 and (wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:08
S208	1	S202 and (wavelength dispersion) and (look up table or lut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:08
S209	9	"345"/\$.cols. and (wavelength dispersion) and (look up table or lut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	ADJ	ON	2011/09/01 15:12

			IBM_TDB			
S210	0	"345"/\$.ccls. and (wavelength dispersion) same (look up table or lut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:12
S211	10	"345"/\$.ccls. and (wavelength dispersion) same (voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/01 15:28
S212	40	(US-20090009450-\$ or US-20010048420-\$ or US-20050068280-\$ or US-20050001798-\$ or US-20030039770-\$ or US-20050146492-\$ or US-20020163487-\$ or US-20020001052-\$ or US-20010024178-\$ or US-20050168663-\$ or US-20030184692-\$ or US-20030160750-\$ or US-20050219162-\$ or US-20050206590-\$ or US-20040104870-\$ or US-20020033786-\$ or US-20060139274-\$).did. or (US-5530567-\$ or US-6697039-\$ or US-6414666-\$ or US-6466285-\$ or US-6144353-\$ or US-5920299-\$ or US-5790215-\$ or US-5372745-\$ or US-7403195-\$ or US-6879174-\$ or US-7116297-\$ or US-6756959-\$ or US-6700560-\$ or US-7391568-\$ or US-6570632-\$ or US-4636786-\$ or US-7179509-\$ or US-6266109-\$ or US-4967268-\$ or US-6738054-\$ or US-5321535-\$ or US-5317437-\$ or US-7091937-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/08 10:22
S213	0	S212 and (wavelength same dispersion same transmittance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/08 10:23
S214	4	345/55,84-89.ccls. and (wavelength same dispersion same transmittance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/08 10:24
S215	0	("20040263456" or "200300043165") and transmittance.clm.	US-PGPUB; USPAT	ADJ	ON	2011/09/08 10:38
S216	2	("20040263456" or "200300043165") and transmittance	US-PGPUB; USPAT	ADJ	ON	2011/09/08 10:38
S217	2	("20040263456" or "200300043165") and white balance	US-PGPUB; USPAT	ADJ	ON	2011/09/08 10:42
S218	1	"6700559".pn. and ((white balance or transmittance or wavelength dispersion) same voltage)	US-PGPUB; USPAT	ADJ	ON	2011/09/08 10:44

S219	3209	345/55,84-89.ccls. and ((wavelength dispersion or transmittance or white balance) same voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/08 10:46
S220	243	345/55,84-89.ccls. and ((wavelength dispersion or transmittance or white balance) same voltage) and corrects	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/08 10:47
S221	27	345/55,84-89.ccls. and ((wavelength dispersion or transmittance or white balance) same voltage) same corrects	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/08 10:47
S222	197	345/55,84-89.ccls. and ((wavelength dispersion or transmittance or white balance) same voltage) same (corrects same wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/08 10:48
S223	9	345/55,84-89.ccls. and ((wavelength dispersion or transmittance or white balance) same voltage) same corrects	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2011/09/08 10:50
S224	0	345/55,84-89.ccls. and ((wavelength dispersion or transmittance or white balance) same voltage) same (corrects same wavelength dispersion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 10:50
S225	2	"7034788".pn. and (wavelength dispersion or transmittance or white balance or voltage or corrects)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 11:02
S226	2	"7034788".pn. and (wavelength dispersion or transmittance or white balance or voltage or corrects or gray or grey or gradation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 12:08
S227	2	"7034788".pn. and (wavelength dispersion or transmittance or white balance or voltage or corrects or color or r or g or b or red or blue or green)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	ADJ	ON	2011/09/08 12:31

			DERWENT; IBM_TDB			
S228	2	"7034788".pn. and (wavelength dispersion or transmittance or white balance or voltage or corrects or color or r or g or b or red or blue or green or gray\$9)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 12:34
S229	1	"7034788".pn. and (v2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 12:53
S230	2	"7034788".pn. and (gray\$9 or grey\$9)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/09/08 13:10

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